

**Model with the number of new IP's increasing by 2 each year**

	Year 0			Year 1		
	Low	Most Likely	High	Low	Most Likely	High
Loss of stock (Match Fishery)	£36,713	£365,172	£1,455,090	£41,787	£415,643	£1,656,200
Loss of stock (Specimen Fishery)	£10,871	£229,149	£927,389	£12,373	£260,820	£1,055,565
<b>Total loss of stock</b>	<b>£47,584</b>	<b>£594,321</b>	<b>£2,382,479</b>	<b>£54,160</b>	<b>£676,463</b>	<b>£2,711,765</b>
Loss of ticket sales (Match Fishery)	£16,118	£74,053	£317,322	£18,346	£84,288	£361,179
Loss of ticket sales (Specimen Fishery)	£10,254	£27,730	£94,981	£11,671	£31,563	£108,108
<b>Total loss of sales</b>	<b>£26,372</b>	<b>£101,783</b>	<b>£412,302</b>	<b>£30,017</b>	<b>£115,851</b>	<b>£469,287</b>
Average anglers WTP per trip	£1.05					
Average number of trips per year	48					
Total number of coarse anglers in England and Wales	2,300,000					
Annual angler consumer surplus	£115,920,000					
Coarse fisheries in England and Wales	10,000					
% of infected coarse fisheries in England and Wales	0.12%			0.14%		
<b>Loss of angler consumer surplus</b>	<b>£142,582</b>			<b>£162,288</b>		
Average household WTP to improve or maintain the fish population in their nearest waterbody	£1.87					
Number of households in England and Wales	22,150,000					
Annual household consumer surplus	£41,309,750.00					
Coarse fisheries in England and Wales	10,000					
% of infected coarse fisheries in England and Wales	0.12%			0.14%		
<b>Loss of household consumer surplus</b>	<b>£50,811</b>			<b>£57,834</b>		
<b>Total baseline cost</b>	<b>£376,348</b>	<b>£998,496</b>	<b>£3,097,174</b>	<b>£413,299</b>	<b>£1,121,435</b>	<b>£3,510,174</b>

Year 2			Year 3			Year 4		
Low	Most Likely	High	Low	Most Likely	High	Low	Most Likely	High
£47,757	£475,020	£1,892,800	£53,726	£534,398	£2,129,400	£59,696	£593,775	£2,366,000
£14,141	£298,080	£1,206,360	£15,908	£335,340	£1,357,155	£17,676	£372,600	£1,507,950
<b>£61,898</b>	<b>£773,100</b>	<b>£3,099,160</b>	<b>£69,635</b>	<b>£869,738</b>	<b>£3,486,555</b>	<b>£77,372</b>	<b>£966,375</b>	<b>£3,873,950</b>
£20,966	£96,329	£412,776	£23,587	£108,370	£464,373	£26,208	£120,411	£515,970
£13,339	£36,072	£123,552	£15,006	£40,581	£138,996	£16,673	£45,090	£154,440
<b>£34,305</b>	<b>£132,401</b>	<b>£536,328</b>	<b>£38,593</b>	<b>£148,951</b>	<b>£603,369</b>	<b>£42,881</b>	<b>£165,501</b>	<b>£670,410</b>
0.16%			0.18%			0.20%		
<b>£185,472</b>			<b>£208,656</b>			<b>£231,840</b>		
0.16%			0.18%			0.20%		
<b>£66,096</b>			<b>£74,358</b>			<b>£82,620</b>		
<b>£456,770</b>	<b>£1,266,069</b>	<b>£3,996,056</b>	<b>£500,242</b>	<b>£1,410,702</b>	<b>£4,481,938</b>	<b>£543,713</b>	<b>£1,555,336</b>	<b>£4,967,820</b>

Year 5			Year 6			Year 7		
Low	Most Likely	High	Low	Most Likely	High	Low	Most Likely	High
£65,666	£653,153	£2,602,600	£71,635	£712,530	£2,839,200	£77,605	£771,908	£3,075,800
£19,444	£409,860	£1,658,745	£21,211	£447,120	£1,809,540	£22,979	£484,380	£1,960,335
<b>£85,109</b>	<b>£1,063,013</b>	<b>£4,261,345</b>	<b>£92,846</b>	<b>£1,159,650</b>	<b>£4,648,740</b>	<b>£100,584</b>	<b>£1,256,288</b>	<b>£5,036,135</b>
£28,829	£132,452	£567,567	£31,450	£144,493	£619,164	£34,070	£156,535	£670,761
£18,341	£49,599	£169,884	£20,008	£54,108	£185,328	£21,675	£58,617	£200,772
<b>£47,170</b>	<b>£182,051</b>	<b>£737,451</b>	<b>£51,458</b>	<b>£198,601</b>	<b>£804,492</b>	<b>£55,746</b>	<b>£215,152</b>	<b>£871,533</b>
0.22%			0.24%			0.26%		
<b>£255,024</b>			<b>£278,208</b>			<b>£301,392</b>		
0.22%			0.24%			0.26%		
<b>£90,881</b>			<b>£99,143</b>			<b>£107,405</b>		
<b>£587,184</b>	<b>£1,699,969</b>	<b>£5,453,701</b>	<b>£630,655</b>	<b>£1,844,603</b>	<b>£5,939,583</b>	<b>£674,127</b>	<b>£1,989,236</b>	<b>£6,425,465</b>

Year 8			Year 9			Year 10		
Low	Most Likely	High	Low	Most Likely	High	Low	Most Likely	High
£83,574	£831,285	£3,312,400	£89,544	£890,663	£3,549,000	£95,514	£950,040	£3,785,600
£24,746	£521,640	£2,111,130	£26,514	£558,900	£2,261,925	£28,282	£596,160	£2,412,720
<b>£108,321</b>	<b>£1,352,925</b>	<b>£5,423,530</b>	<b>£116,058</b>	<b>£1,449,563</b>	<b>£5,810,925</b>	<b>£123,795</b>	<b>£1,546,200</b>	<b>£6,198,320</b>
£36,691	£168,576	£722,358	£39,312	£180,617	£773,955	£41,933	£192,658	£825,552
£23,343	£63,126	£216,216	£25,010	£67,635	£231,660	£26,677	£72,144	£247,104
<b>£60,034</b>	<b>£231,702</b>	<b>£938,574</b>	<b>£64,322</b>	<b>£248,252</b>	<b>£1,005,615</b>	<b>£68,610</b>	<b>£264,802</b>	<b>£1,072,656</b>
0.28%			0.30%			0.32%		
<b>£324,576</b>			<b>£347,760</b>			<b>£370,944</b>		
0.28%			0.30%			0.32%		
<b>£115,667</b>			<b>£123,929</b>			<b>£132,191</b>		
<b>£717,598</b>	<b>£2,133,870</b>	<b>£6,911,347</b>	<b>£761,069</b>	<b>£2,278,504</b>	<b>£7,397,229</b>	<b>£804,541</b>	<b>£2,423,137</b>	<b>£7,852,542</b>

Year 11			Year 12			Year 13		
Low	Most Likely	High	Low	Most Likely	High	Low	Most Likely	High
£101,483	£1,009,418	£4,022,200	£107,453	£1,068,795	£4,258,800	£113,422	£1,128,173	£4,495,400
£30,049	£633,420	£2,563,515	£31,817	£670,680	£2,714,310	£33,584	£707,940	£2,865,105
<b>£131,532</b>	<b>£1,642,838</b>	<b>£6,585,715</b>	<b>£139,270</b>	<b>£1,739,475</b>	<b>£6,973,110</b>	<b>£147,007</b>	<b>£1,836,113</b>	<b>£7,360,505</b>
£44,554	£204,699	£877,149	£47,174	£216,740	£928,746	£49,795	£228,781	£980,343
£28,345	£76,653	£262,548	£30,012	£81,162	£277,992	£31,679	£85,671	£293,436
<b>£72,898</b>	<b>£281,352</b>	<b>£1,139,697</b>	<b>£77,187</b>	<b>£297,902</b>	<b>£1,206,738</b>	<b>£81,475</b>	<b>£314,452</b>	<b>£1,273,779</b>
0.34%			0.36%			0.38%		
<b>£394,128</b>			<b>£417,312</b>			<b>£440,496</b>		
0.34%			0.36%			0.38%		
<b>£140,453</b>			<b>£148,715</b>			<b>£156,977</b>		
<b>£848,012</b>	<b>£2,567,771</b>	<b>£8,368,993</b>	<b>£891,483</b>	<b>£2,712,404</b>	<b>£8,854,875</b>	<b>£934,955</b>	<b>£2,857,038</b>	<b>£9,340,757</b>

Year 14			Year 15			Year 16		
Low	Medium	High	Low	Medium	High	Low	Most Likely	High
£119,392	£1,187,550	£4,732,000	£125,362	£1,246,928	£4,968,600	£131,331	£1,306,305	£5,205,200
£35,352	£745,200	£3,015,900	£37,120	£782,460	£3,166,695	£38,887	£819,720	£3,317,490
<b>£154,744</b>	<b>£1,932,750</b>	<b>£7,747,900</b>	<b>£162,481</b>	<b>£2,029,388</b>	<b>£8,135,295</b>	<b>£170,218</b>	<b>£2,126,025</b>	<b>£8,522,690</b>
£52,416	£240,822	£1,031,940	£55,037	£252,864	£1,083,537	£57,658	£264,905	£1,135,134
£33,347	£90,180	£308,880	£35,014	£94,689	£324,324	£36,681	£99,198	£339,768
<b>£85,763</b>	<b>£331,002</b>	<b>£1,340,820</b>	<b>£90,051</b>	<b>£347,553</b>	<b>£1,407,861</b>	<b>£94,339</b>	<b>£364,103</b>	<b>£1,474,902</b>
0.40%			0.42%			0.44%		
<b>£463,680</b>			<b>£486,864</b>			<b>£510,048</b>		
0.40%			0.42%			0.44%		
<b>£165,239</b>			<b>£173,501</b>			<b>£181,763</b>		
<b>£978,426</b>	<b>£3,001,671</b>	<b>£9,826,639</b>	<b>£1,021,897</b>	<b>£3,146,305</b>	<b>£10,312,521</b>	<b>£1,065,368</b>	<b>£3,290,939</b>	<b>£10,798,403</b>

Year 17			Year 18			Year 19		
Low	Most Likely	High	Low	Most Likely	High	Low	Most Likely	High
£137,301	£1,365,683	£5,441,800	£143,270	£1,425,060	£5,678,400	£149,240	£1,484,438	£5,915,000
£40,655	£856,980	£3,468,285	£42,422	£894,240	£3,619,080	£44,190	£931,500	£3,769,875
<b>£177,956</b>	<b>£2,222,663</b>	<b>£8,910,085</b>	<b>£185,693</b>	<b>£2,319,300</b>	<b>£9,297,480</b>	<b>£193,430</b>	<b>£2,415,938</b>	<b>£9,684,875</b>
£60,278	£276,946	£1,186,731	£62,899	£288,987	£1,238,328	£65,520	£301,028	£1,289,925
£38,349	£103,707	£355,212	£40,016	£108,216	£370,656	£41,684	£112,725	£386,100
<b>£98,627</b>	<b>£380,653</b>	<b>£1,541,943</b>	<b>£102,915</b>	<b>£397,203</b>	<b>£1,608,984</b>	<b>£107,204</b>	<b>£413,753</b>	<b>£1,676,025</b>
0.46%			0.48%			0.50%		
<b>£533,232</b>			<b>£556,416</b>			<b>£579,600</b>		
0.46%			0.48%			0.50%		
<b>£190,025</b>			<b>£198,287</b>			<b>£206,549</b>		
<b>£1,108,840</b>	<b>£3,435,572</b>	<b>£11,284,285</b>	<b>£1,152,311</b>	<b>£3,580,206</b>	<b>£11,770,167</b>	<b>£1,195,782</b>	<b>£3,724,839</b>	<b>£12,256,049</b>

Year 20

Low	Most Likely	High
£155,210	£1,543,815	£6,151,600
£45,958	£968,760	£3,920,670
<b>£201,167</b>	<b>£2,512,575</b>	<b>£10,072,270</b>
£68,141	£313,069	£1,341,522
£43,351	£117,234	£401,544
<b>£111,492</b>	<b>£430,303</b>	<b>£1,743,066</b>
0.52%		
<b>£602,784</b>		
0.52%		
<b>£214,811</b>		
<b>£1,239,254</b>	<b>£3,869,473</b>	<b>£12,741,931</b>

### **Discounted benefits**

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£301,079	£555,389	£536,592	£518,428	£500,896	£483,996
	100%	£376,348	£694,236	£670,740	£648,035	£626,120	£604,995

\*Benefit of option IV based on lowest estimate (Static Model)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£798,797	£1,036,284	£1,001,212	£967,320	£934,608	£903,075
	100%	£998,496	£1,295,355	£1,251,515	£1,209,150	£1,168,260	£1,128,844

\*Benefit of option IV based on medium estimate (Static Model)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£2,477,739	£2,658,478	£2,568,505	£2,481,558	£2,397,638	£2,316,744
	100%	£3,097,174	£3,323,097	£3,210,631	£3,101,947	£2,997,047	£2,895,930

\*Benefit of option IV based on Highest estimate (Static Model)

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£467,614	£451,807	£436,516	£421,744	£407,488	£393,692	£380,414
£584,518	£564,758	£545,645	£527,179	£509,360	£492,116	£475,518

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£872,508	£843,013	£814,484	£786,920	£760,321	£734,580	£709,804
£1,090,635	£1,053,767	£1,018,105	£983,649	£950,401	£918,225	£887,255

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£2,238,327	£2,162,662	£2,089,472	£2,018,759	£1,950,523	£1,884,487	£1,820,928
£2,797,909	£2,703,327	£2,611,840	£2,523,449	£2,438,153	£2,355,609	£2,276,160

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	<b>£0</b>
£367,538	£355,122	£343,109	£331,497	£320,288	£309,482	£299,020	£288,903	<b>£8,470,614</b>
£459,423	£443,903	£428,886	£414,372	£400,360	£386,852	£373,775	£361,129	<b>£10,588,268</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	<b>£0</b>
£685,779	£662,613	£640,197	£618,531	£597,617	£577,453	£557,933	£539,057	<b>£16,042,106</b>
£857,224	£828,266	£800,246	£773,164	£747,021	£721,817	£697,416	£673,821	<b>£20,052,633</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	<b>£0</b>
£1,759,295	£1,699,863	£1,642,357	£1,586,777	£1,533,123	£1,481,396	£1,431,319	£1,382,893	<b>£41,582,844</b>
£2,199,119	£2,124,829	£2,052,946	£1,983,472	£1,916,404	£1,851,745	£1,789,149	£1,728,616	<b>£51,978,555</b>

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£574,817	£319,464	£341,116	£360,934	£379,033	£395,527
	100%	£718,522	£399,330	£426,395	£451,168	£473,791	£494,409

\*Benefit of option IV on lowest estimate (Increase of 2 new IP's per annum)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£771,798	£866,824	£945,500	£1,017,850	£1,084,256	£1,145,099
	100%	£964,747	£1,083,530	£1,181,875	£1,272,312	£1,355,320	£1,431,374

\*Benefit of option IV on medium estimate (Increase of 2 new IP's per annum)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£0	£0	£0	£0	£0	£0
	80%	£2,393,992	£2,713,224	£2,984,254	£3,233,808	£3,463,166	£3,673,613
	100%	£2,992,490	£3,391,530	£3,730,318	£4,042,259	£4,328,958	£4,592,017

\*Benefit of option IV on highest estimate (Increase of 2 new IP's per annum)

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£410,431	£423,891	£435,955	£446,717	£456,271	£464,643	£471,987
£513,038	£529,864	£544,944	£558,397	£570,339	£580,803	£589,984

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£1,200,468	£1,250,832	£1,296,369	£1,337,390	£1,374,210	£1,406,933	£1,436,055
£1,500,584	£1,563,540	£1,620,461	£1,671,738	£1,717,762	£1,758,666	£1,795,069

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£0	£0	£0	£0	£0	£0	£0
£3,865,481	£4,040,333	£4,198,782	£4,341,878	£4,453,334	£4,585,539	£4,688,125
£4,831,851	£5,050,416	£5,248,477	£5,427,347	£5,566,667	£5,731,923	£5,860,156

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	£0
£478,248	£483,577	£487,976	£491,518	£494,276	£496,323	£497,637	£498,279	£9,408,622
£570,014	£604,471	£609,970	£614,398	£617,845	£620,404	£622,046	£622,849	£11,732,982

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	£0
£1,461,432	£1,483,546	£1,502,424	£1,518,307	£1,531,441	£1,542,066	£1,550,129	£1,555,838	£27,278,766
£1,826,790	£1,854,433	£1,878,029	£1,897,884	£1,914,301	£1,927,583	£1,937,661	£1,944,797	£34,098,457

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£0	£0	£0	£0	£0	£0	£0	£0	£0
£4,777,984	£4,856,718	£4,924,435	£4,981,951	£5,030,083	£5,069,646	£4,259,306	£5,123,275	£87,658,926
£5,972,480	£6,070,898	£6,155,544	£6,227,439	£6,287,604	£6,337,058	£6,375,597	£6,404,094	£110,625,122

## Discounted Costs

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£1,457,389	£1,408,129	£1,360,472	£1,314,419	£1,269,969	£1,227,121
	80%	£1,457,389	£1,408,129	£1,360,472	£1,314,419	£1,269,969	£1,227,121
	100%	£1,457,389	£1,408,129	£1,360,472	£1,314,419	£1,269,969	£1,227,121

\*Cost of option IV based on lowest cost estimate

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£1,553,165	£1,500,668	£1,449,879	£1,400,799	£1,353,428	£1,307,765
	80%	£1,553,165	£1,500,668	£1,449,879	£1,400,799	£1,353,428	£1,307,765
	100%	£1,553,165	£1,500,668	£1,449,879	£1,400,799	£1,353,428	£1,307,765

\*Cost of option IV based on medium cost estimate

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	£1,617,015	£1,562,360	£1,509,484	£1,458,386	£1,409,067	£1,361,527
	80%	£1,617,015	£1,562,360	£1,509,484	£1,458,386	£1,409,067	£1,361,527
	100%	£1,617,015	£1,562,360	£1,509,484	£1,458,386	£1,409,067	£1,361,527

\*Cost of option IV based on high cost estimate

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£1,185,586	£1,145,508	£1,106,741	£1,069,286	£1,033,143	£998,166	£964,500
£1,185,586	£1,145,508	£1,106,741	£1,069,286	£1,033,143	£998,166	£964,500
£1,185,586	£1,145,508	£1,106,741	£1,069,286	£1,033,143	£998,166	£964,500

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£1,263,500	£1,220,788	£1,179,473	£1,139,557	£1,101,039	£1,063,763	£1,027,884
£1,263,500	£1,220,788	£1,179,473	£1,139,557	£1,101,039	£1,063,763	£1,027,884
£1,263,500	£1,220,788	£1,179,473	£1,139,557	£1,101,039	£1,063,763	£1,027,884

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
£1,315,442	£1,270,974	£1,227,961	£1,186,404	£1,146,302	£1,107,494	£1,070,141
£1,315,442	£1,270,974	£1,227,961	£1,186,404	£1,146,302	£1,107,494	£1,070,141
£1,315,442	£1,270,974	£1,227,961	£1,186,404	£1,146,302	£1,107,494	£1,070,141

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£931,854	£900,375	£869,915	£840,476	£812,057	£784,658	£758,134	£732,484	<b>£22,170,382</b>
£931,854	£900,375	£869,915	£840,476	£812,057	£784,658	£758,134	£732,484	<b>£22,170,382</b>
£931,854	£900,375	£869,915	£840,476	£812,057	£784,658	£758,134	£732,484	<b>£22,170,382</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£993,094	£959,545	£927,084	£895,710	£865,423	£836,224	£807,956	£780,621	<b>£23,627,364</b>
£993,094	£959,545	£927,084	£895,710	£865,423	£836,224	£807,956	£780,621	<b>£23,627,364</b>
£993,094	£959,545	£927,084	£895,710	£865,423	£836,224	£807,956	£780,621	<b>£23,627,364</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
£1,033,920	£998,992	£965,196	£932,533	£901,001	£870,601	£841,171	£812,712	<b>£24,598,685</b>
£1,033,920	£998,992	£965,196	£932,533	£901,001	£870,601	£841,171	£812,712	<b>£24,598,685</b>

£1,033,920    £998,992    £965,196    £932,533    £901,001    £870,601    £841,171    £812,712    **£24,598,685**

**Discounted net benefits**

	Year	0	1	2	3	4	5
	Discount Factor	1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,457,389	-£1,408,129	-£1,360,472	-£1,314,419	-£1,269,969	-£1,227,121
	80%	-£1,156,310	-£852,740	-£823,880	-£795,991	-£769,073	-£743,125
	100%	-£1,081,040	-£713,893	-£689,732	-£666,384	-£643,849	-£622,126

\*Cost of option V based on lowest cost estimate

\*Static number of annual new IP's

\*Cost of option IV based on lowest cost estimate

	Year	0	1	2	3	4	5
	Discount Factor	1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,553,165	-£1,500,668	-£1,449,879	-£1,400,799	-£1,353,428	-£1,307,765
	80%	-£754,368	-£464,384	-£448,667	-£433,479	-£418,820	-£404,690
	100%	-£554,668	-£205,313	-£198,364	-£191,649	-£185,168	-£178,921

\*Cost of option V based on medium cost estimate

\*Static number of annual new IP's

\*Cost of option IV based on medium cost estimate

	Year	0	1	2	3	4	5
	Discount Factor	1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,617,015	-£1,562,360	-£1,509,484	-£1,458,386	-£1,409,067	-£1,361,527
	80%	£860,724	£1,096,118	£1,059,021	£1,023,172	£988,571	£955,217
	100%	£1,480,159	£1,760,737	£1,701,147	£1,643,561	£1,587,980	£1,534,404

\*Cost of option V based on high cost estimate

\*Cost of option IV based on high cost estimate

\*Static number of annual new IP's

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
-£1,185,586	-£1,145,508	-£1,106,741	-£1,069,286	-£1,033,143	-£998,166	-£964,500
-£717,972	-£693,701	-£670,225	-£647,543	-£625,655	-£604,473	-£584,086
-£601,068	-£580,749	-£561,096	-£542,107	-£523,783	-£506,050	-£488,982

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
-£1,263,500	-£1,220,788	-£1,179,473	-£1,139,557	-£1,101,039	-£1,063,763	-£1,027,884
-£390,992	-£377,774	-£364,990	-£352,637	-£340,718	-£329,183	-£318,080
-£172,865	-£167,021	-£161,369	-£155,908	-£150,638	-£145,538	-£140,629

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
-£1,315,442	-£1,270,974	-£1,227,961	-£1,186,404	-£1,146,302	-£1,107,494	-£1,070,141
£922,885	£891,688	£861,511	£832,355	£804,220	£776,993	£750,787
£1,482,467	£1,432,353	£1,383,879	£1,337,045	£1,291,851	£1,248,115	£1,206,019

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
-£931,854	-£900,375	-£869,915	-£840,476	-£812,057	-£784,658	-£758,134	-£732,484	<b>-£22,170,382</b>
-£564,316	-£545,253	-£526,807	-£508,979	-£491,769	-£475,176	-£459,114	-£443,580	<b>-£13,699,767</b>
-£472,432	-£456,472	-£441,030	-£426,105	-£411,697	-£397,806	-£384,359	-£371,355	<b>-£11,582,114</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
-£993,094	-£959,545	-£927,084	-£895,710	-£865,423	-£836,224	-£807,956	-£780,621	<b>-£23,627,364</b>
-£307,314	-£296,933	-£286,887	-£277,179	-£267,806	-£258,771	-£250,023	-£241,564	<b>-£7,585,258</b>
-£135,869	-£131,279	-£126,838	-£122,546	-£118,402	-£114,407	-£110,540	-£106,800	<b>-£3,574,731</b>

13	14	15	16	17	18	19	20
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026

£1,033,920	-£998,992	-£965,196	-£932,533	-£901,001	-£870,601	-£841,171	-£812,712	<b>-£24,598,685</b>
£725,375	£700,871	£677,161	£654,245	£632,123	£610,795	£590,147	£570,181	<b>£16,984,159</b>
£1,165,199	£1,125,837	£1,087,750	£1,050,939	£1,015,403	£981,144	£947,977	£915,904	<b>£27,379,870</b>

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,457,389	-£1,408,129	-£1,360,472	-£1,314,419	-£1,269,969	-£1,227,121
	80%	-£882,571	-£1,088,665	-£1,019,356	-£953,485	-£890,935	-£831,594
	100%	-£738,867	-£1,008,800	-£934,077	-£863,251	-£796,177	-£732,712

\*Cost of option V based on low cost estimate

\*Cost of option IV based on low cost estimate

\*Number of new IP's increase by 2 per year (12, 14, 16, 18....,n)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,553,165	-£1,500,668	-£1,449,879	-£1,400,799	-£1,353,428	-£1,307,765
	80%	-£701,871	-£633,843	-£504,379	-£382,950	-£269,172	-£162,665
	100%	-£502,171	-£417,137	-£268,004	-£128,487	£1,892	£123,609

\*Cost of option V based on medium cost estimate

\*Cost of option IV based on medium cost estimate

\*Number of new IP's increase by 2 per year (12, 14, 16, 18....,n)

Year		0	1	2	3	4	5
Discount Factor		1	0.9662	0.9335	0.9019	0.8714	0.842
Percentage chance of KHV eradication	0%	-£1,617,015	-£1,562,360	-£1,509,484	-£1,458,386	-£1,409,067	-£1,361,527
	80%	£860,724	£1,150,864	£1,474,770	£1,775,421	£2,054,099	£2,312,086
	100%	£1,480,159	£1,829,170	£2,220,834	£2,583,873	£2,919,891	£3,230,490

\*Cost of option V based on high cost estimate

\*Number of new IP's increase by 2 per

\*Cost of option IV based on high cost estimate

year (12, 14, 16, 18....,n)

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
-£1,185,586	£1,145,508	£1,106,741	£1,069,286	-£1,033,143	-£998,166	-£964,500
-£775,155	-£721,617	-£670,786	-£622,569	-£576,872	-£533,523	-£492,513
-£672,548	-£615,644	-£561,797	-£510,890	-£462,804	-£417,362	-£374,516

6	7	8	9	10	11	12
0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618
-£1,263,500	£1,220,788	£1,179,473	£1,139,557	-£1,101,039	£1,063,763	£1,027,884
-£63,032	£30,044	£116,895	£197,833	£273,171	£343,170	£408,171
£237,085	£342,752	£440,988	£532,181	£616,723	£694,904	£767,185

6	7	8	9	10	11	12
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0.8135	0.786	0.7594	0.7337	0.7089	0.6849	0.6618		
-£1,315,442	£1,270,974	£1,227,961	£1,186,404	-£1,146,302	£1,107,494	£1,070,141		
£2,550,039	£2,769,359	£2,970,820	£3,155,473	£3,307,031	£3,478,045	£3,617,984		
£3,516,409	£3,779,442	£4,020,516	£4,240,943	£4,420,365	£4,624,430	£4,790,016		
13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
-£931,854	-£900,375	-£869,915	-£840,476	-£812,057	-£784,658	-£758,134	-£732,484	<b>-£22,170,382</b>
-£453,606	-£416,798	-£381,939	-£348,958	-£317,781	-£288,335	-£260,497	-£234,205	<b>-£12,761,760</b>
-£334,044	-£295,903	-£259,945	-£226,078	-£194,212	-£164,254	-£136,088	-£109,635	<b>-£10,409,604</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
-£993,094	-£959,545	-£927,084	-£895,710	-£865,423	-£836,224	-£807,956	-£780,621	<b>-£23,627,364</b>
£468,338	£524,001	£575,340	£622,597	£666,017	£705,842	£742,173	£775,217	<b>£3,730,898</b>
£833,696	£894,887	£950,945	£1,002,174	£1,048,877	£1,091,359	£1,129,705	£1,164,176	<b>£10,557,340</b>

13	14	15	16	17	18	19	20	
0.6394	0.6178	0.5969	0.5767	0.5572	0.5384	0.5202	0.5026	
-	-£998,992	-£965,196	-£932,533	-£901,001	-£870,601	-£841,171	-£812,712	<b>-£24,598,685</b>

£1,033,920

£3,744,064 £3,857,726 £3,959,239 £4,049,418 £4,129,082 £4,199,045 £4,259,306 £4,310,564 **£63,985,160**

£4,938,560 £5,071,905 £5,190,347 £5,294,906 £5,386,603 £5,466,457 £5,534,425 £5,591,382 **£86,131,121**