

**Table 1. Matrix of commonalities and linkages in the proposed multi-state research project W-3186.**

STATIONS	AL	AR	CA-R	CA-R	FL	HI	ID	ID <sup>6</sup>	MI	MS	NE	NM	OR	OR <sup>2</sup>	TN	WA
<b>NEMATODE GROUPS</b>																
Cyst nematodes	*	*			*	*	*	*	*	*	*				*	*
Root-knot nematodes										*						
Warm-climate group <sup>3</sup>	*	*	*	*	*	*			*	*	*	*				*
Cool-climate group <sup>4</sup>			*	*			*		*		*	*	*	*		*
Other Endoparasitic types <sup>5</sup>	*		*			*	*		*	*	*		*	*	*	*
Ectoparasitic nematodes <sup>6</sup>									*		*		*	*		*
Entomophilic nematodes				*		*										
Free-living nematodes				*					*		*					
<b>SCIENTIFIC EMPHASIS</b>																
Host plant resistance	*	*	*		*	*	*	*	*	*			*		*	*
Rotations	*	*	*		*		*	*	*	*			*	*		
Molecular techniques	*	*	*	*	*				*		*	*				*
Genetics			*	*				*						*	*	*
Virulence/avirulence			*				*	*								*
Host range	*	*	*		*	*	*		*	*		*	*			*
Nematicides	*		*			*				*			*	*		
Temp/environment	*	*				*			*	*			*	*		
Cover and trap crops					*	*		*	*				*	*		*
<b>MAJOR CROPS</b>																
-cotton	*	*	*		*					*			*			
-sugarbeet/Brassica			*			*	*		*							
-potato							*		*				*	*		*
-small grains, corn, grasses	*		*						*	*	*	*	*			*
-alfalfa/legumes			*				*						*	*		*
-soybeans	*	*			*				*	*	*	*				*
-vegetables/fruit <sup>7</sup>	*		*		*	*			*	*			*		*	*

<sup>1</sup> Univ. Idaho, PCN project, *G. pallida*; <sup>2</sup>USDA-ARS Hortic. Crops Res. Lab.; <sup>3</sup> *M. incognita*, *M. javanica*, *M. arenaria*, *M. enterolobii*; <sup>4</sup> *M. hapla*, *M. chitwoodi*, *M. partityla*; <sup>5</sup> *Rotylenchulus reniformis* (reniform), *Pratylenchus* spp. (lesion)

<sup>6</sup> *Paratrichodorus* spp., *Xiphinema* spp., *Mesocriconema*; <sup>7</sup> e.g., cole crops, tomato, pepper, beans, carrot, pineapple, grapes, pecan, blueberry, raspberry.