

Prioritizing Agricultural Research: Conservation Plantings

Framework for Setting Research Priorities:

Species Selection		
Functions	Establishment	Problems/Issues
Beneficial insect and pollinator habitat	Site preparation	Coordinating plant blooming with crop needs (pollinators and beneficials)
Wildlife habitat	Species suitability	Attracting/introducing pest insects/vertebrates/pathogens/diseases
Soil erosion control	Spacings	Deer or rodent damage
Weed control	Irrigation methods	Possible spread of some seeds into adjacent fields as weeds
Non-point source water pollution reduction	Compost/fertilizer	Lack of suitable plant material
Air quality and dust control	Weed strategies	Inadequate plant densities
Barriers	Types of mulch	Improper location or spacing
Riparian stabilization	Monitoring protocols	Irrigation issues
Windbreak and climate modification		Costs
Aesthetic value		
Economic returns		
Increase in local and regional biodiversity		

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