Effect of MCP on Nutgrass

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CYPERUS rotundus L. commonly known as nutgrass (English), "mustaka" or "musta" (Sanskrit) and "motha" (Hindustani) is a great menace to farm land in India. This creeping perennial, a member of the Cyperaceae family is widely distributed as an agricultural weed in almost all parts of the country up to an elevation of 6,000 feet. It becomes a greater menace in the "kharif" season (July–September) in India and if not cleaned off, affects maize (Zea mays), pigeon pea (Cajanus indicus), and sorghum for grain (Sorghum vulgare).

The problem of eradicating this noxious weed has been the subject of detailed study in many countries. Frequent cutting of aerial parts is said to cause exhaustion and death of tubers, but the process is long and laborious.

The preliminary investigation undertaken in this study was the use of various doses of a selective weed killer,